

CIRCLE COURT GROUND WATER PLUME SUPERFUND SITE

Willow Park, Parker County, Texas

May, 2012

This fact sheet will tell you about...

- Background information
- Current status
- Where to get more information

Background information

The Circle Court Ground Water Plume Site consists of ground water contamination from unknown sources composed of hazardous substances that were released into the ground water. The plume location is delineated laterally by the ground water well that had detections of trichloroethene (TCE). The site boundaries are not defined since the full extent and nature of contamination has not been determined.

The City of Willow Park and the City of Hudson Oaks supply water to most homes within the area of the site, except for some of the homes in the area of Russell Road. The ground water contamination was first indicated by a public water supply well at the Willow Springs Oaks Pump Station located at 117 Circle Court in Willow Park, Texas (see map). The Willow Park public water supply well and accompanying pump station is located in a rural residential area approximately six miles east of the City of Weatherford and is part of the City of Willow Park public water system (PWS). Single-family properties border the pump station to the south, west, and east. A 15-acre vacant wooded lot borders the pump station to the north. Three water system service pumps, two ground storage tanks, and an elevated storage tank for water are also located at the Willow Springs Oaks Pump Station.

The March and June 2010 sampling conducted by the Texas Commission on Environmental Quality (TCEQ) resulted in seven wells with documented levels of TCE. Three wells used for drinking water had high concentrations of TCE; the highest level of TCE was found in a private domestic drinking water well located on Russell Road in Willow Park (designated GW-41 on map). One non-drinking water well located at the Parker County Airport, was also documented with a high level of TCE.

(map)

Current status

The response actions to date have been to ensure that the residents affected have safe drinking water. The TCEQ has installed and maintains a granular activated carbon filter on the private supply well with TCE concentrations exceeding the maximum contaminant level (MCL) for drinking water. No known sources were identified within the current Site based on data collected prior to the proposed listing on the National Priorities List (NPL) (March 15, 2012). The Environmental Protection Agency (EPA) will begin development of plans for the site investigation as well as collect additional information to evaluate potential source areas.

The identification and investigation of the source of ground water contamination is needed to prevent additional private well from being contaminated, and to develop plans for cleanup of the ground water.

Where to get more information

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For press inquiries, please call the EPA Region 6 Press Office at 214.665.2200

You can find more information about the Region 6 Superfund program on EPA's Region 6 website: <http://www.epa.gov/region6/superfund>